

Serial No. 09/628,501  
Reply to Office Action of March 24, 2005

Docket No. LT-0001

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for storing digital data from a storage device to a digital recording medium, comprising:

(a) searching for a recordable location in the digital recording medium when a data store is requested from said storage device in communication with the digital recording medium through a digital interface, wherein said storage device includes a microprocessor and a memory;

(b) recording data streams received through the digital interface from said memory of said storage device in the location discovered in (a), wherein the data streams have been converted from the data of a multimedia file which is selected in said storage device; and

(c) creating management information regarding the data streams recorded, further comprising:

providing a list of multimedia files from the microprocessor for selection by a user,

reading data of a selected multimedia file from a computer readable storage medium by the microprocessor.

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converting the read data into packets of transport stream (TS) format, and  
storing the TS-formatted packets in the memory, and wherein (b) and (c) record  
the received data in a main code area and the management information in a subcode area  
of the recording medium wherein the main code and the subcode area satisfy a DVHS  
standard.

2. (Previously Presented) A method set forth in claim 1, further comprising transmitting information on the characteristics and recording status of the recording medium to the microprocessor of the storage device before the process recited in (a).

3. (Original) A method set forth in claim 1, wherein the data streams are transport streams of MPEG format.

4. (Previously Presented) A method set forth in claim 1, wherein the management information is repeatedly recorded in the recording medium.

5. (Previously Presented) A method set forth in claim 1, wherein the management information includes file information received together with the data streams from said storage device.

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6. (Previously Presented) A method set forth in claim 1, wherein the management information includes information on the section of the recording medium in which the received data streams are recorded.

7. Canceled.

8. (Currently Amended) A method for retrieving digital data from a digital recording medium and sending the reproduced data to a storage device through a digital interface, comprising:

(a) reproducing management information recorded in the digital recording medium when a retrieving request for a given multimedia file is received from a microprocessor of said storage device;

(b) identifying a recording location of the given multimedia file based upon the reproduced management information;

(c) searching for the identified location in the digital recording medium and reproducing recorded data from the identified location;

(d) converting the reproduced data into transport streams (TS) and transmitting the TS data to the microprocessor of said storage device; and

(e) storing the transmitted TS data in a memory of said storage device, further comprising:

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reproducing the tape recording medium according to a request of information on recorded files, detecting management information on the recorded files, and transmitting the detected information to said storage device before said step (a), wherein the microprocessor of the storage device stores the TS data in a computer readable storage medium of the storage device as a file, and wherein said step (a) obtains the management information on recorded files by reproducing a sub-code area of the recording medium in which data are recorded in a DVHS standard.

9. Canceled

10. (Previously Presented) A method set forth in claim 8, wherein the microprocessor of the storage device decodes the TS data to present video and/or audio.

11. (Original) A method set forth in claim 8, wherein the retrieving request includes a file name of the given file and an identification code of file set to which the given file belongs.

12. (Original) A method set forth in claim 8, wherein the retrieving request includes a file name and a directory name of the given file.

13-19. Canceled

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20. (Previously Presented) The method of claim 19, wherein the computer readable storage medium is the Internet.